

State Route 85 Corridor Study Summary

A highway planning study for State Route 85 (SR 85) from Stevens Creek Boulevard to State Route 237 (SR 237), and Interstate Route 280 (I-280) from SR 85 to Foothill Expressway was conducted to study the existing and forecasted traffic operations within the study corridors and to develop feasible short- and long-term solutions. The study provides planning-level investigations and conceptual descriptions of improvement strategies that fed into the updating of the VTA's countywide transportation plan, VTP 2030. The study proposes the following improvements:

Proposed Improvements for State Route 85

Construct additional through lanes from north of Homestead Road to SR-237 in both directions and modification of the El Camino Real interchange and the addition of new auxiliary lanes, in each direction, between the El Camino Real interchange and the connectors to SR 237. The improvement may be phased into three segments as presented below:

Segment	Construction Cost	Right-of-Way	Design/Planning	Total
Segment 1 – Homestead Road to Fremont Avenue	\$10.7 M	-	\$5.0M	\$15.7M
Segment 2 – Fremont Avenue to El Camino Real	\$33.6M	-	\$15.9M	\$49.5M
Segment 3 – El Camino Real to SR 237	\$27.8M	-	\$13.2M	\$41.0M

Note: All costs are shown in 2004 dollars.

Proposed Improvements for Interstate 280/Foothill Expressway

The first alternative, a short term improvement, adds a second exit lane to Foothill Expressway to relief traffic exiting I-280. The second alternative, as a long term improvement, the I-280 northbound exit to Foothill Expressway would be braided over the SR 85 traffic entering I-280 and a second entrance lane consistent with a two lane freeway to freeway entrance ramp geometry would be constructed. Access from northbound/southbound SR 85 to Foothill Expressway would be eliminated.

Alternative	Construction Cost	Right-Of-Way	Design/Planning	Total
Second Exit Lane to Foothill Expressway	\$0.5 M	-	\$0.2M	\$0.7M
Braid Weaving Traffic Movements from NB/SB SR 85	\$17.7M	\$4.2M	\$8.4M	\$30.3M

Note: All costs are shown in 2004 dollars.

Fremont Avenue Study

Traffic operations analysis was performed for the Fremont Avenue/SR 85 interchange. The purpose of this study was to examine traffic to and from SR 85 along Fremont Avenue near the interchange and to recommend improvements as necessary. The result of this analysis was the recommendation of low-cost physical and operational (signal timing) improvements for Fremont Avenue consistent with improvements for the ramps to and from SR 85. Costs for these improvements are estimated at \$800,000 including ramp improvement costs.